



# Strategies for A Sustainable Future

A Message from General Manager Mark Young

Glendale Water & Power's strategies for sustainable electric and water services is being shaped by cleaner electricity generation, efficient technologies and conservation. At GWP we are on a journey to incorporate technologies to make us a better utility provider, and to improve the customer experience, optimize performance and measure our effectiveness.

This past year we have made many strides towards a sustainable future one which includes a low-carbon future. Glendale's power content for the most recent reporting year contains approximately 35.3% renewable energy and 65% zero carbon energy. We have worked diligently to maximize local groundwater production through the Glendale Water Treatment Plant, and engaging residents and businesses to cut-back on their water use to help maintain a reliable water supply, even during the severe statewide water shortage. We continue to modernize the delivery of our electrical system by upgrading underground electrical vaults and overhead power equipment. This past year, we took steps to increase our presence in Glendale's telecommunication market by setting up a fiber optic broadband network to serve the high speed communication needs of the Glendale business community. We incorporated new technology to focus on modernization of our business enterprise systems to better provide new services and communication options to our customers and GWP operations. This fiscal year was focused on customer engagement and new technologies.

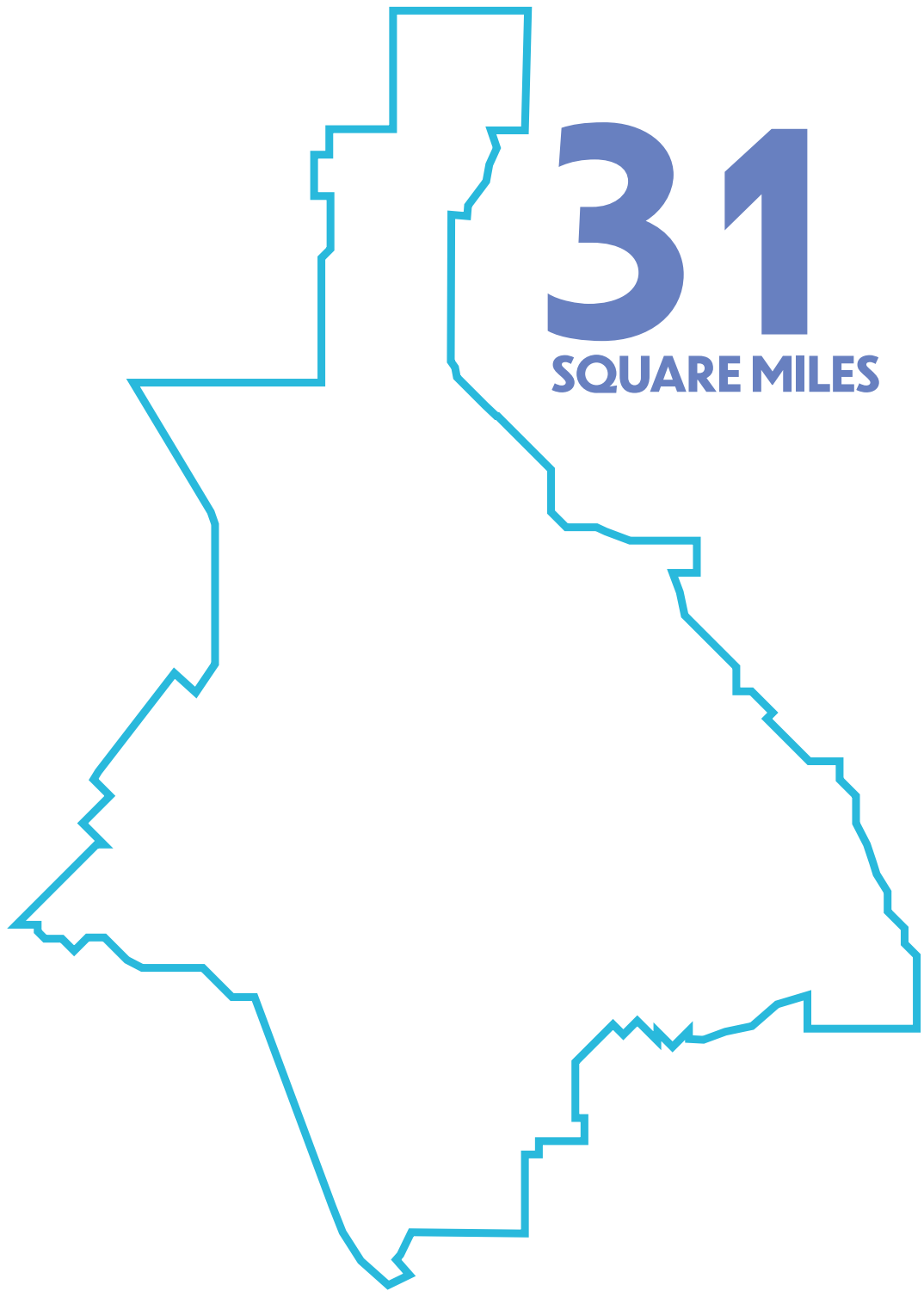
We want to ensure that residents and businesses in Glendale can count on safe, reliable power at affordable prices. We're powering a high quality of life in Glendale by ensuring that our customers can count on electricity and water when they need it.

As we continue to develop strategies for long-term sustainability, we will continue to work collaboratively to pursue opportunities in the best interest of Glendale. We sincerely appreciate the leadership of our City Council, the support of our residents and businesses and the dedication of our staff.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark Young'.

Mark Young  
General Manager of Glendale Water & Power



# BY THE NUMBERS...

## Electric Maintains:

Population	193,116
Square Miles	31
Number of Distribution Miles	503
Number of Subtransmission Miles	57
Number of Poles	14,751
Number of Substations	14
Highest Peak FY 2021-2022	261 (9/9/2021)
Number of Meters	90,283
Retail Sales (MWh)	985,525

## Water Maintains:

Population	193,116
Square Miles	31
Miles of Water Mains	393
Wells	16
Reservoirs	28
Treatment Plants	2
Pump Stations	28
Peak Day (million gallons)	28 (07/29/2021)
Number of Services	34,500
Residential Gallons Per Day Usage	81
Water Sales (billion gallons)	7.7



## Strategies for A Sustainable Future

### POWER MANAGEMENT SERVICES DIVISION

The Power Management Services Division is responsible for establishing GWP as a Clean Energy Leader by managing the utility's resource portfolio, and managing the way GWP provides reliable, affordable, and clean energy resources to the Glendale community.

#### Accomplishments for FY 21-22

- 35.3% of Glendale's power supply came for eligible renewable resources. Total clean energy including renewables, large hydro and nuclear is approximately 65.1% or 13% higher than California's clean energy power mix.
- \$8.9 million in revenue through participation in carbon allowance auction market
- \$29.86 million in revenue from system sales in FY 21-22.
- Optimized existing gas transportation resource through Asset Management Agreement reducing overall O&M cost
- Released Distributed Energy Resources RFP for local firm dispatchable resources
- Closure of the landfill gas pipeline
- Certification of the Grayson Repowering Project – 2022 Final Environmental Impact Report
- Unit Nos. 4 and 5 Sampling Line and Probe Replacement
- Unit No. 4 Boiler Tube Cleaning to improve reliability and efficiency

#### Clean Energy Programs:

GWP continues pursuing the goal of integrating the maximum amount of renewable, zero-carbon and/or low-carbon energy and minimizing the amount of fossil fuel generation in GWP's portfolio. In Fiscal Year 2021-22 GWP continued the implementation of the following Clean Energy programs:

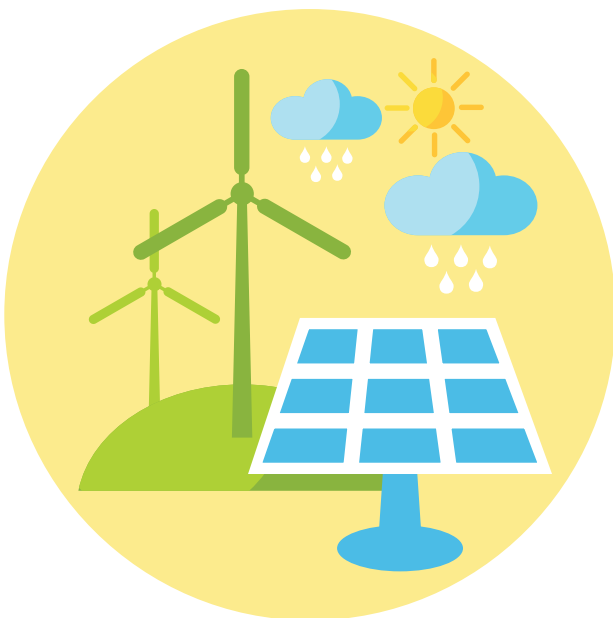
- A four-year residential and commercial Demand Response program with an online marketplace that will deliver up to 10 megawatts (MW) of load reduction during demand response events by the end of the program term. At the end of FY 2021-22, a total of 2.1 MW was under control, representing 21% of the 4-year program goal. The capacity of the program is expected to ramp up over the next two and a half year term as additional customers enroll.
- A seven-year Commercial Direct Install Energy Efficiency Program that will deliver up to 8.3 (MW) and 36,500 MWh of energy efficiency improvements in commercial buildings by the end of the program term, with an expected average 12.5-year life for the installed energy efficiency measures. At the end of FY 2021-22, a total of 1,423 MWh energy savings were delivered, representing 109% of the Year 1 goal and 3.9% of the 7-year program goal.

In addition, on May 2022 GWP released the Local Clean Distributed Energy Resources (DER) Request For Proposals (RFP). The RFP solicited proposals from suitably qualified proposers to develop and deliver clean distributed energy and capacity resources within the City of Glendale. The City seeks up to a total of 50 MW of combined capacity from one or more proposers. Contract to be awarded by City Council approval in 2023.

#### Investing in Renewables

As set forth in the Integrated Resource Plan (IRP), Glendale is on board to transition to a low-carbon future and is on a path to achieving 100% of the energy needs of the Glendale community through reliable, affordable and sustainable clean energy. Glendale's power content for the most recent reporting year contains approximately 35.3% renewable energy and 65% zero carbon energy.

GWP is also subscribed to a 4.166% share of the Intermountain Power Plant (IPP) Repowering Project which will increase Glendale's rights on the STS Transmission from 55MW to 127MW. Participation in the project provides Glendale access to plentiful, cheap, and reliable renewable projects that are being developed and will interconnect at the IPP bus in Utah. IPP is expected to be fueled by 30% green hydrogen by volume by 2030 with an eventual plan of transitioning to 100% hydrogen produced by renewable sources.





## Strategies for A Sustainable Future

### ELECTRICAL SERVICES DIVISION

#### Accomplishments for FY 21-22

- In an effort to maintain GWP's infrastructure and continue providing reliable service to our customers, engineering staff prepared plans to inspect 443 power poles and 110 street lights in northern area of Glendale. This project will continue into 2023.
- Replaced 4.1 miles of aged underground high voltage cable.
- Completed the engineering plan for a distribution project at 515 Pioneer Drive to install 600 feet of substructures and one distribution vault on Kenilworth Avenue to expand our electrical system and improve system reliability by converting overhead lines to underground.
- Completed over 1140 electrical service upgrades/reconnects, 87 distributed generation services and 504 field checks for the ADU constructions.
- Replaced 85 deteriorated poles.
- Replaced/installed 82 distribution transformers.
- Vegetation management has been expanded to exceed minimum clearance requirements by trimming trees down to the telecommunications level. In fiscal year 21-22, GWP's contractor trimmed 15229 trees to mitigate the risk of outages caused by trees.

#### 4kV/12kV Reconstruction Project:

- Constructed and rebuilt 16 power poles and 1568 feet of overhead conductors within #7 Tropic feeder area for 12kV operation.
- Constructed and rebuilt 3 power poles and 800 feet of overhead conductors within 6 Howard feeder area for 12 kV operation.
- Completed the engineering plans for the 12kV reconstruction of 4, 6, and 8 Tropic feeders and 4 and 5 Acacia feeders.
- Replaced 10 distribution transformers.
- This project will continue in to 2023.

#### Street Lighting:

- Converted over 260 street lights to LEDs to improve the energy efficacy of the lighting system.
- Replaced 200 feet of street light conduits on Hillside drive to improve street lighting system reliability.
- Replaced 700 feet of street light conduits on Chevy Chase drive as part of street light system improvements.
- Installed 3 new street lights for customers via the street lighting petition process.
- Replaced 6 street lights and foundations as part of the street light maintenance project.

#### Substations, Communication, system protection:

- Installed four Real Time Automation Controllers (Communication Processors) at four Substations.
- Installed Event notification software to collect and organize relay events during outages or system disturbances
- Upgraded Columbus feeders #5, #6, #7, & #8 protective overcurrent relays from electromechanical to microprocessor based type.
- Installed new Batteries at Scholl Substation.
- Completed inspection of 22 transformers at various substations
- Repaired Tropic Substation bank transformer
- Repaired Scholl Substation Transformer #4 Tap changer







## Strategies for A Sustainable Future

### WATER SERVICES DIVISION

The Water Division staff at Glendale Water & Power continued to ensure the safety and reliability of the water served to the residents of Glendale during the unprecedented statewide water shortage. Staff continued to work diligently to maximize local groundwater production through the Glendale Water Treatment Plant, a local source of water that is part of an ongoing EPA Superfund groundwater clean-up project, and engaged and concerned residents and businesses cut-back on their water use to help maintain a reliable water supply even during the severe statewide water shortage.

Glendale Water & Power is committed to the safety of the water served to the residents of Glendale and in 2021 the City's water continued to meet all federal, state and local water quality standards. Glendale Water & Power annually treats and delivers more than 7 billion gallons of safe and reliable drinking water. To make this happen, GWP employs a team of skilled water professionals who dedicate their personal time and effort to obtain, and maintain, their individual State Water Resources Control Board water treatment and water distribution operator certifications. As a result, Glendale's water meets or exceeds all state and federal drinking water standards. Continuously monitoring water quality in the distribution system and making system improvements to maintain its quality included:

- Taking more than 5,700 water quality samples per year
- Managing a cross-connection control program to inspect and approve the installation of new backflow prevention assemblies
- Monitoring and testing nearly 2,200 existing backflow prevention assemblies to help ensure that contamination does not enter the system
- Pro-actively operating the water system to balance storage for emergencies while minimizing the age of the water in the system to maintain its quality even during reduced use caused by mandatory water conservation

The Water Engineering Section completed the City's first Water Supply & Demand Assessment for the State in compliance with new State requirements regarding estimating the total "efficient" use of water within the City for the coming year. The Water Engineering Section also worked with staff from the University of California, Riverside, to analyze, and reduce, electric demands at several of the City's pump stations to leverage reservoir and tank storage capacity to reduce peak demands by extending the run time of single pumps, avoiding the need to run multiple pumps at the same time.

The Water Division team of dedicated professionals provides safe and reliable service 24 hours per day 365 days per year. Maintaining reliable service includes responding to water main breaks and customer outages and working long hours to quickly restore service and minimize customer impacts. Maintaining service also includes remotely and locally monitoring and operating 16 wells, 28 tanks and

reservoirs, 28 pump stations, and 6 pressure reducing stations throughout the City.

### Invest in the Future

GWP's asset management program includes both investing in the future by replacing or rehabilitating aging infrastructure and building new assets that improve the system, and also systematically maintaining existing assets. Asset management activities included:

- Completing another year, and beginning the next, of the City's ongoing Pipeline Management Program to systematically replace and rehabilitate the City's water mains using the information developed in the Water Master Plan. There are over 380 miles of pipelines in GWP's service area. Many miles of pipelines have been replaced or cleaned and relined as part of GWP's past Capital Improvement Programs and this program builds on prior asset management efforts.
- Re-landscaping the Western Reservoir site with drought-tolerant and native plants, transforming an area equivalent to 35 front yards from turf and plants installed in the 1960's to water efficient landscaping appropriate for the climate in Glendale.
- Preparing for the upgrade and rehabilitation of one of the City's potable water tanks, and one of the City's recycled water tanks, to extend the useful lives of these important assets while taking the time to upgrade the facilities to increase circulation in the potable tank and improving the safe access to both tanks for utility staff for inspections.





## Strategies for A Sustainable Future

### BUSINESS SERVICES DIVISION

#### Fiber Optics Broadband Network

GWP Fiber Optics group maintains an existing fiber communication system that is serving internal City communication needs including SCADA, water system monitoring, police and fire department communication needs etc. GWP also serves one commercial customer with dark fiber service.

The Fiber Business Plan (Plan) was approved by the City Council in 2016. Currently the GWP Fiber Optics group is in the process of implementing the Plan at a cost of over \$10 million. The Plan recommended that GWP increase its presence in Glendale's telecommunication market by setting up a fiber optic broadband network to serve the high speed communication needs of the Glendale business community. Subsequently, GWP contracted with Magellan Advisors (Magellan), a consultant that has significant expertise and experience in the telecommunication field, to support the Plan implementation. In addition to providing Plan implementation support, Magellan will also assist GWP in securing grant funding from the billions of dollars earmarked by both federal and state governments for broadband infrastructure projects designed to bridge the Digital Divide. Salient events in the fiber optic business plan implementation are listed below:

- GWP entered into a contract with CCI Systems to install the transport network needed to establish connectivity between a couple of City Data Centers with the Internet hub (carrier Hotel) at One Wilshire building in Los Angeles. CCI completed installation of the transport network in 2021 and it cost slightly above \$600K.
- Working with Magellan, GWP hired Vantage Utility Systems to complete the design of the fiber optic backbone in September 2019. Due to the onslaught of the once-in-a-lifetime pandemic and its concomitant issues, the design effort took much longer than anticipated and was completed only in September 2021.
- GWP entered into a contract with HHS Construction LLC to install the fiber optic backbone throughout the City at an estimated cost of about \$6 million. Currently the construction of the fiber optic backbone (middle mile) is in progress and is expected to be completed by middle of 2023. This involves installing fiber optic cables crisscrossing the City creating a loop system, attaching to power poles, in underground conduits and on fourteen transmission towers along the Verdugo Mountains. Five Point of Presence (PoP) sites will be installed at strategic locations within the City to serve as connection points to the fiber backbone.
- The City's Information Technology (IT) group is working with GWP to set up the broadband network and it can also be used for implementing the IT department's wireless strategic plan. The wireless plan envisages providing wireless Wi-Fi services at City owned parks with community centers, dense neighborhoods with limited access to broadband, as well as business, economic

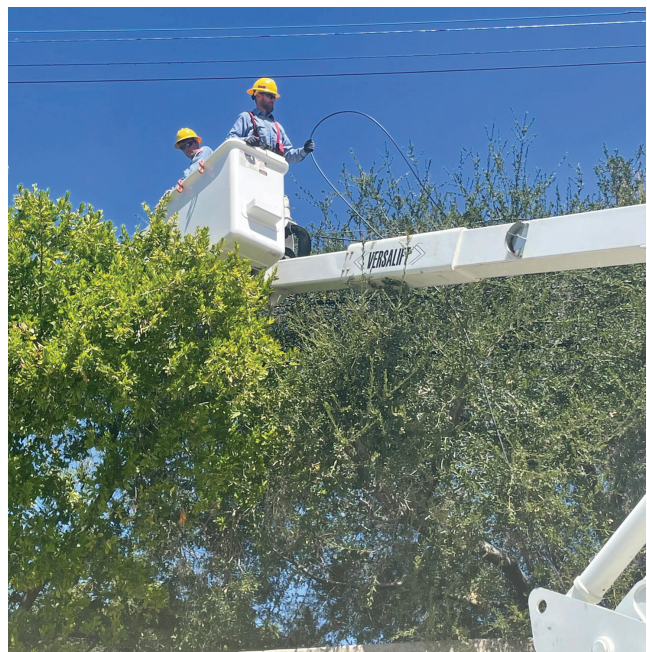
and entertainment corridors, and will be connected to the fiber optic network.

The fiber business plan envisions providing Dark Fiber service, Switched Ethernet, and Dedicated Internet Access. However, a decision on the final make up of the future services is still pending. The Plan provides the option for the City to provide the service to the end user customer either directly or indirectly through other service providers. A decision on who will provide the service is still pending.

Pertinent features of the proposed services are listed below:

- Dark fiber service is a high capacity network solution for those who need unlimited bandwidth, complete service control and reliability. This service is suitable for big commercial customers that have in-house network management staff to maintain the network.
- Switched Ethernet service will be a managed high speed network service operated and maintained by the provider (City or other provider). This is suitable for small commercial customers that do not have in-house staff to manage the network.
- Dedicated Internet Access service provides Internet connectivity with dedicated fiber lines and dedicated bandwidth with symmetrical download and upload speeds.

GWP has tasked Magellan Advisors with updating the current business plan that is 2016 vintage to reflect the economic realities of the present time. Magellan will perform market and financial analyses to determine the types of services to be offered and the rates for such services. They will make recommendations on who will provide the service- City or a third party, the make-up of the organization required to manage and maintain the fiber enterprise etc.







## Strategies for A Sustainable Future

### Business System Support

The GWP Business System Support group (BSS) continues to focus on modernization of its business enterprise systems and underlying technologies to better provide new services and communication options to our customers and GWP operations. This fiscal year was focused on customer engagement and new technologies.

### Payment Arrangements

In March of 2022, BSS implemented an automated payment extension option to the GWP Integrated Voice Recognition (IVR) phone system, in order to alleviate and reduce Customer Service call volume and customers wait time to make a payment arrangement. Customers now have the option to make a short term payment extension by phone in three different language options, English, Spanish, and Armenian. The IVR integrates with the Customer Information and billing system to verify account information and customer eligibility and automatically grants a bi-weekly payment extension on the remaining balance. The IVR has created over 570 payment extension calls since its deployment.

### Kiosk

Skip the line! In August of 2022, Customers now have a new option to pay their utility bill using our new Payment Kiosk while visiting the GWP Customer Service office located at 141 N Glendale Ave, level 2 near the cashier window. The Kiosk is integrated with our Customer Information System which pulls account balance information in real-time. GWP customers are given the option to make a partial or full payment by using cash or check and it is available in English and Spanish language. The kiosk has processed over 60 payments since its deployment.

### Field Collection System (FCS)

BSS completed the implementation of the Field Collection System (FCS) which has replaced the existing MVRS handheld system. FCS is a cloud-based collection software used to manually read electric and water meters usage reads. FCS seamlessly integrates with Advanced Meter Infrastructure (AMI) networks, existing enterprise billing systems and advanced meter data management systems for flexible and ease-of-use data sharing and management capabilities. Customer Service field reps are able to download the application on their phone or tablet and retrieve meter reads by driving-by or being near the location. This implementation has drastically reduced the amount of time a field rep spends collecting reading information per billing cycle.

### OSIsoft Pi Historian Enterprise

GWP has expanded the PI Historian. "A PI Historian System" is a data infrastructure and software suite for collecting, storing, and organizing operational data from plants, processes, and operational systems. The PI System delivers that data to users, including Electric Operations, Power Dispatch, Engineering, Energy Trading, and Executive Management, so they can analyze, visualize, and share it. Users retrieve data from the PI Server and can display it on real-time dashboards using PI System visualization and reporting tools. This facilitates GWP's ability to extend the life of expensive, long-lead-time

equipment like substation transformers and underground cables. GWP is using multiple data sources and data points to aggregate under one system to provide integrated real-time operational analytics for day-to-day operations and monitoring of GWP's field equipment, systems, and assets. This year, the Business System Support (BSS) team has improved the GWP System Overview display, which is a high-level summary of the electric substations and transmission line total load, to include system loads, generation and tie line loads, temperature and alerts for transformers and feeders reaching maximum ratings. Also, GWP is one of the first utilities to integrate Advance Meter Infrastructure (AMI) event and exception data with SCADA data to develop screens that show the top 5 low and high voltage meters per feeder. This allows the engineers to address potential issues on secondary assets. Lastly, we have created a display for the battery storage system in Grayson which now visually tracks the battery charge, percentage, battery kWh intake and withdraw, and historical events when the battery charge drops under 15%. BSS continues to work with Electric Engineering, Power Management, GWP Engineering T & D and Dispatch to improve data collection and develop operational displays. We are in the process of incorporating mapping visualization tools which will provide an extra layer of analyzing our meter and field collection devices performance.

### Conservation Voltage Reduction (CVR) Program -

GWP continues to work with Dominion Voltage Inc. (DVI) to expand its Conservation Voltage Reduction (CVR) program system wide. CVR conserves electricity by operating electric customer voltage in the lower half of ten percent (10%) voltage band required by equipment standards using the voltage data collected from the Advanced Meter Reading Infrastructure (AMI), to distribution feeders. We conduct a study of GWP conservation saving at the end of each year. For FY 2021 – 2022 we increased the number of transformers to 23 transformers and 38 Feeders that are in CVR mode with a combined savings of 4,229 MWH. The percentage of savings by transformer ranged from 0.56% to 2.22% and the average percentage of savings by feeder was 1.38%.

### LTE Cellular Gateway Pilot:

GWP is continuing to use innovative technologies to improve the City's backhaul communication infrastructure for Electric and Water Operations and AMI. These systems and operations communicate through a fiber optic backhaul in conjunction with communication routers to create a mesh network. This mesh network communicates data wirelessly through fiber connected gateways.

In December of 2021, BSS piloted a new LTE TRO620 Cellular Router with wireless communication technology to improve communications in areas of the city that have poor communication or where fiber gateways are not feasible to install. The LTE cellular router provides GWP the flexibility to create virtual cellular gateways pretty much anywhere in our communication backhaul. This new solution works with our legacy routers which maximizes and prolongs the life of our existing infrastructure and gives us the ability to create reliable, secure, resilient, and consistent communication throughout our network. The Pilot was very successful and significantly increased the communications in the identified





## Strategies for A Sustainable Future

areas and we have implemented the LTE cellular routers in two other locations.

We have also created a mobile gateway which allows our team to easily test locations with communication issues and determine if a virtual LTE gateway will be needed and where it should be located. It is also a useful tool that can be used in emergencies if areas within our backhaul have lost communication. It is an invaluable tool to make better decisions on resolving communication issues in the field.

### **Customer Service**

Every day we engage with hundreds of customers, attending to their service needs over the telephone, by email, and in person visits. This year the Customer Service team:

- Assisted 69,000 customers over the telephone.
- Received 8,312 email contacts from customers and responded to 96% within 24 hours.
- Approved 5,944 payment arrangements.
- Sent out 770,510 utility bills with a 99.89% accuracy.
- Processed almost 568,000 customer payments totaling over 316 million dollars.
- Issued 70,864 service orders, with field staff completing 98% within 24 hours.
- Inspected 13,005 water and electric meters.

The COVID-19 pandemic has affected many customers financially causing them to fall behind on paying their utility bills. GWP has taken advantage of State funds provided by the federal American Rescue Plan Act (ARPA) to offer financial assistance to electric and water customers towards their accrued arrearages during the pandemic. The California Arrearage Payment Program (CAPP) was established for electric service and the California Water and Wastewater Arrearage Program (CWWAPP) was created for water service. Due to the ongoing financial impact of the COVID-19 pandemic, the State Budget Act of 2022 has appropriated additional funding to support extending "2022 CAPP", in order to further address accrued arrears for active electric customers during the pandemic from June 16, 2021 – December 31, 2021 (an additional 6 months). GWP has requested an additional \$1,527,966.00 in CAPP 2022 funding for the extended period. The following are benefits that have already been received:

- 6,128 GWP electric residential and commercial customers have benefited from credits applied to their accounts totaling \$4,995,040.97.
- 1,105 water customers have received credits to their accounts in the amount of \$757,906.36. GWP has also recovered an additional \$27,677.70 towards administrative costs, for a total of \$785,584.06.
- 5,852 waste water customers have received credits to their accounts in the amount of \$458,825.98. Administrative costs of \$15,066.11 were also recovered, for a total of \$473,892.09.





## Strategies for A Sustainable Future

### Conservation & Utility Modernization

A key part of our diversified power supply is an ongoing commitment to energy efficiency. We continue to invest significant resources in conservation and energy efficiency programs for commercial, industrial, and residential customers. Energy efficiency remains the most cost-effective way to accommodate future energy needs, and projects in partnership with industrial customers are slated to surpass any previous savings in the utility's history. Through our various Public Benefit Programs, we accomplished the following:

- Provided 477 shade trees through our Tree Power Program
- Provided 624 incentives through our Smart Home Rebate Program
- Incentivized a total of 52 solar residential installations in Glendale.
- Provided a total of approximately 44,000 print WaterSmart Reports and 209,100 email WaterSmart Report to our residential customers to inform them about their water usage and provide them with tips to conserve water.
- Provided 31,830 customers with web-access to their daily water usage.
- Provided over 74 smart thermostats and In-Home Digital Displays.
- 5 of our key account customers participated in our Business Energy Solutions program and received incentives for implementing various energy efficiency projects.
- Provided 6 print Home Energy Reports to approximately 57,000 residential customers on their energy use and provided 81,000 customers with web-access to their electric usage. A total of 28,000 customers received electronic Weekly Energy Updates.
- Over 300 residential customers participated in the Smart Home Energy Upgrade program which provides a survey and free installation of energy and water saving devices.

### Electric Vehicles

Electric vehicles are more prevalent than ever. With state goals to continue electrifying the transportation sector, GWP has continued its commitment to promote electric vehicle adoption in Glendale by investing into EV infrastructure and programs. The following were accomplished in FY 21-22:

- Enrolled over 300 EV customers into the new Off-Peak EV Charging Rebate program which provides incentives to EV drivers who charge their cars during off-peak hours.
- Launched an EV Buyer's guide website to provide information to prospective EV drivers on available EVs, charging options, and incentives.
- Placed a solar-powered transportable EV charging station at the City's Lot 34 by Verdugo Park and Glendale Community College. This station provides free charging to drivers and is completely solar powered and off grid.

- Funded the purchase of an electric bookmobile for the city's Library Arts and Culture department.
- Provided over \$66,000 in incentives for customers to install EV charging stations at their home or business.
- Through GWP's partnership with the California Air Resources Board (CARB) and local EV dealerships, over 1,800 customers received incentives of up to \$1,500 as part of the state's Clean Fuel Reward program for purchasing a new EV.

Looking forward, GWP is in the process of significantly expanding its public charging network to make EV charging more accessible to Glendale residents and visitors. Over 60 new charging stations are expected at multiple locations around the city by mid-2023. GWP also plans to unveil new programs in the coming years to further incentivize customers to adopt EVs.

### ADMINISTRATIVE SERVICES DIVISION

Administrative Services is responsible for multiple sections within the Glendale Water and Power Department including Administrative Support Services, Legislative Affairs, Human Resources, City-wide Warehouse Operations, GWP's Fleet Coordination, Environmental and Safety. GWP is actively engaged at the Federal and State levels on all Utility related Legislative and Regulatory processes. GWP works collaboratively with elected members and representatives to ensure they are well informed of any potential impacts of specific legislation and/ or rule amendments.

At the State level, GWP participates in various monthly advocacy affairs. As an active member of the Southern California Public Power Authority (SCPPA), a member agency of the Metropolitan Water District of Southern California (MWD), utility trade associations such as the California Municipal Utilities Association (CMUA), Association of California Water Agencies (ACWA), and WaterReuse, GWP engages in regular discussions with other stakeholders on shared challenges and opportunities. These collaboration efforts among member agencies, provide a stronger voice and influence to advance the priorities of publicly owned utilities (POUs). In March of 2022, GWP participated in the American Public Power Association's (APPA) Legislative Rally. GWP engaged in numerous meetings to advocate and discuss direct impacts of federal actions affecting public utilities. The legislative sessions included several bills of interest to public utilities promoting close monitoring, advocacy, and outreach efforts. Additionally, due to evolving global pandemic (COVID-19), GWP has been vigorously tracking all efforts by the State and Federal Agencies to ensure all safety protocols are implemented and everyone has a safe work environment.

GWP will continue to monitor and advocate for any funding propositions from the Federal and State Levels for local governments and POUs. The State Legislature & the Governor allocated over \$3 Billion dollars to assist Californians with past due water, wastewater, and electric bills. Due to our ongoing advocacy efforts the City of Glendale received over \$7 million dollars and GWP applied direct credits to our residential and commercial customers.